November 10, 2014

Elbit Systems introduces breakthrough solution for detection of hostile threats hiding in foliage:

Elbit Systems Launches New Radar: FPR-10 for Detection and Tracking In and Beyond Foliage

The new system plays a crucial role in the Wide-Area-Persistent Surveillance (WAPS) Concept for superior Terrain Dominance

Border protection and security of critical infrastructures, airports and seaports, especially those in the tropical areas of the world characterized by forests and dense plantation (foliage), are a complex challenge for homeland security forces as these areas provide a highly effective concealment option for hostile threats.

In determining threats it is crucial to have the ability to determine and precisely locate suspicious movement in the depth of the foliage and to alert security forces securing protective sites or maneuvering infantry forces of possible hostile activities in their vicinity.
To meet this challenge Elbit Systems EW and SIGINT - Elisra developed a new type of radar - FPR-10, that offers extremely long-range foliage penetration for border protection and wide-area persistent surveillance. The system can detect suspicious movements of vehicles and humans in and beyond foliage. Based on Ground Surveillance Radar (GSR) technology, the system provides extremely high resolution, covers a very wide range in azimuth and elevation and enables target separation, allowing determination of the number of targets in the radar arena. Designed to withstand harsh environmental conditions as well as foliage interferences and disturbances, the system is able to secure extremely large areas using multiple radars, which together provide end-to-end, overlapping coverage.

This unique system can simultaneously detect and track a variety of targets moving in various motion patterns and provides users with the coordinates and path of targets in a fully-digital display and output, for an enhanced operational picture.

Highly reliable and resistant, with a Low False Alarm Rate (FAR), the system is easy to integrate and operate (via a pc/laptop), has no moving parts (as opposed to previous GSR systems) and is cost-effective.

The new FPR-10 will be presented for the first time at the 3rd Israeli HLS Conference.

About Elbit Systems

Elbit Systems Ltd. is an international defence Electronics Company engaged in a wide range of programs throughout the world. The Company, which includes Elbit Systems and its subsidiaries, operates in the areas of aerospace, land and naval systems, command, control, communications, computers, intelligence surveillance and reconnaissance ("C4ISR"), unmanned aircraft systems ("UAS"), advanced electro-optics, electro-optic space systems, EW suites, signal intelligence ("SIGINT") systems, data links and communications systems and radios. The Company also focuses on the upgrading of existing military platforms, developing new technologies for defence, homeland security and commercial aviation applications and providing a range of support services, including training and simulation systems.

For additional information, visit: www.elbitsystems.com or follow us on Twitter.

This press release contains forward-looking statements (within the meaning of Section 27A of the Securities Act of 1933, as amended and Section 21E of the Securities Exchange Act of 1934, as amended) regarding Elbit Systems Ltd. and/or its subsidiaries (collectively the Company), to the extent such statements do not relate to historical or current fact. Forward-looking statements are based on management's expectations, estimates, projections and assumptions. Forward-looking statements are made pursuant to the safe harbor provisions of the Private Securities Litigation Reform Act of 1995, as amended. These statements are not guarantees of future performance and involve certain risks and uncertainties, which are difficult to predict. Therefore, actual future results, performance and trends may differ materially from these forward-looking statements due to a variety of factors, including, without limitation: scope and length of customer contracts; governmental regulations and approvals; changes in governmental budgeting priorities; general market, political and economic conditions in the countries in which the Company operates or sells, including Israel and the United States among others; differences in anticipated and actual program performance, including the ability to perform under long-term fixed-price contracts; and the outcome of legal and/or regulatory proceedings. The factors listed above are not all-inclusive, and further information is contained in Elbit Systems Ltd.'s latest annual report on Form 20-F, which is on file with the U.S. Securities and Exchange Commission. All forward-looking statements speak only as of the date of this release. The Company does not undertake to update its forward-looking statements.

Elbit Systems Ltd, its logo, brand, product, service and process names appearing in this Press

Release are the trademarks or service marks of Elbit Systems Ltd. or its affiliated companies. All other brand, product, service and process names appearing are the trademarks of their respective holders. Reference to or use of a product, service or process other than those of Elbit Systems Ltd. does not imply recommendation, approval, affiliation or sponsorship of that product, service or process by Elbit Systems Ltd. Nothing contained herein shall be construed as conferring by implication, estoppel or otherwise any license or right under any patent, copyright, trademark or other intellectual property right of Elbit Systems Ltd. or any third party, except as expressly granted herein.

Contact:

Dalia Rosen, VP, Head of Corporate Communications

Tel: 972-4-831-6784
Cell:972-549996784
E-mail: dalia.rosen@elbitsystems.com

Dana Tal, Corporate Communications
Tel: 972-4-831-8809
Cell: 972-54-9998809
E-Mail: dana.tal@elbitsystems.com